

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/589,450
Source: IFWP
Date Processed by STIC: 8/22/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/22/2006

PATENT APPLICATION: US/10/589,450

TIME: 14:37:49

Input Set : F:\DEBE069US.txt

Output Set: N:\CRF4\08222006\J589450.raw

```

4 <110> APPLICANT: PETERS, MALTE
5     PRANG, NADJA
6     LOCHER, MATHIAS
7     QUADT, CORNELIA
9 <120> TITLE OF INVENTION: ANTI-EPCAM IMMUNOGLOBULINS
11 <130> FILE REFERENCE: DEBE:069US
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/589,450
14 <141> CURRENT FILING DATE: 2006-08-11
16 <150> PRIOR APPLICATION NUMBER: PCT/EP 2005/001307
17 <151> PRIOR FILING DATE: 2005-02-09
19 <150> PRIOR APPLICATION NUMBER: US 10/778,915
20 <151> PRIOR FILING DATE: 2004-02-13
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: PatentIn version 3.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 457
29 <212> TYPE: PRT
30 <213> ORGANISM: artificial sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Anti-EpCAM Heavy Chain
35 <400> SEQUENCE: 1
37 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
38 1          5          10          15
40 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
41          20          25          30
43 Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
44          35          40          45
46 Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
47          50          55          60
49 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
50 65          70          75          80
52 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
53          85          90          95
55 Ala Lys Asp Met Gly Trp Gly Ser Gly Trp Arg Pro Tyr Tyr Tyr Tyr
56          100         105         110
58 Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser Ala
59          115         120         125
61 Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser
62          130         135         140
64 Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe
65 145         150         155         160
67 Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
68          165         170         175

```

RAW SEQUENCE LISTING

DATE: 08/22/2006

PATENT APPLICATION: US/10/589,450

TIME: 14:37:49

Input Set : F:\DEBE069US.txt

Output Set: N:\CRF4\08222006\J589450.raw

```

70 Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu
71          180          185          190
73 Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr
74          195          200          205
76 Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys
77          210          215          220
79 Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro
80 225          230          235          240
82 Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
83          245          250          255
85 Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
86          260          265          270
88 Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
89          275          280          285
91 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
92          290          295          300
94 Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
95 305          310          315          320
97 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
98          325          330          335
100 Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
101          340          345          350
103 Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu
104          355          360          365
106 Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
107          370          375          380
109 Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn
110 385          390          395          400
112 Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
113          405          410          415
115 Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val
116          420          425          430
118 Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
119          435          440          445
121 Lys Ser Leu Ser Leu Ser Pro Gly Lys
122          450          455
125 <210> SEQ ID NO: 2
126 <211> LENGTH: 214
127 <212> TYPE: PRT
128 <213> ORGANISM: artificial sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Anti-EpCAM Light Chain
133 <400> SEQUENCE: 2
135 Glu Leu Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
136 1          5          10          15
138 Asp Arg Val Thr Ile Thr Cys Arg Thr Ser Gln Ser Ile Ser Ser Tyr
139          20          25          30
141 Leu Asn Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
142          35          40          45

```

RAW SEQUENCE LISTING

DATE: 08/22/2006

PATENT APPLICATION: US/10/589,450

TIME: 14:37:49

Input Set : F:\DEBE069US.txt

Output Set: N:\CRF4\08222006\J589450.raw

```

144 Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val Pro Asp Arg Phe Ser Gly
145      50                      55                      60
147 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
148 65                      70                      75                      80
150 Glu Asp Ser Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Asp Ile Pro Tyr
151                      85                      90                      95
153 Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg Thr Val Ala Ala
154                      100                      105                      110
156 Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly
157                      115                      120                      125
159 Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala
160                      130                      135                      140
162 Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln
163 145                      150                      155                      160
165 Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser
166                      165                      170                      175
168 Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr
169                      180                      185                      190
171 Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser
172                      195                      200                      205
174 Phe Asn Arg Gly Glu Cys
175      210

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/589,450

DATE: 08/22/2006

TIME: 14:37:50

Input Set : F:\DEBE069US.txt

Output Set: N:\CRF4\08222006\J589450.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number